What if? Not Applied Visual Treatment

What if? Not Applied Visual Treatment

What if? allows the user to explore virtual population by using assumptions to adjust the analyzed population. However, the feautre comes with some limitations, which sometimes disables the assumptions from being applied to the chart (i.e. When the assumption is on a time that is not contained in the chart, a.k.a. out of time window's selected range). For this purpose, a visual treatment for these "Not Applied" state is vital in informing the users of which context token is in fact affecting the chart and which one is not.

What if? Not Applied Visual Treatment
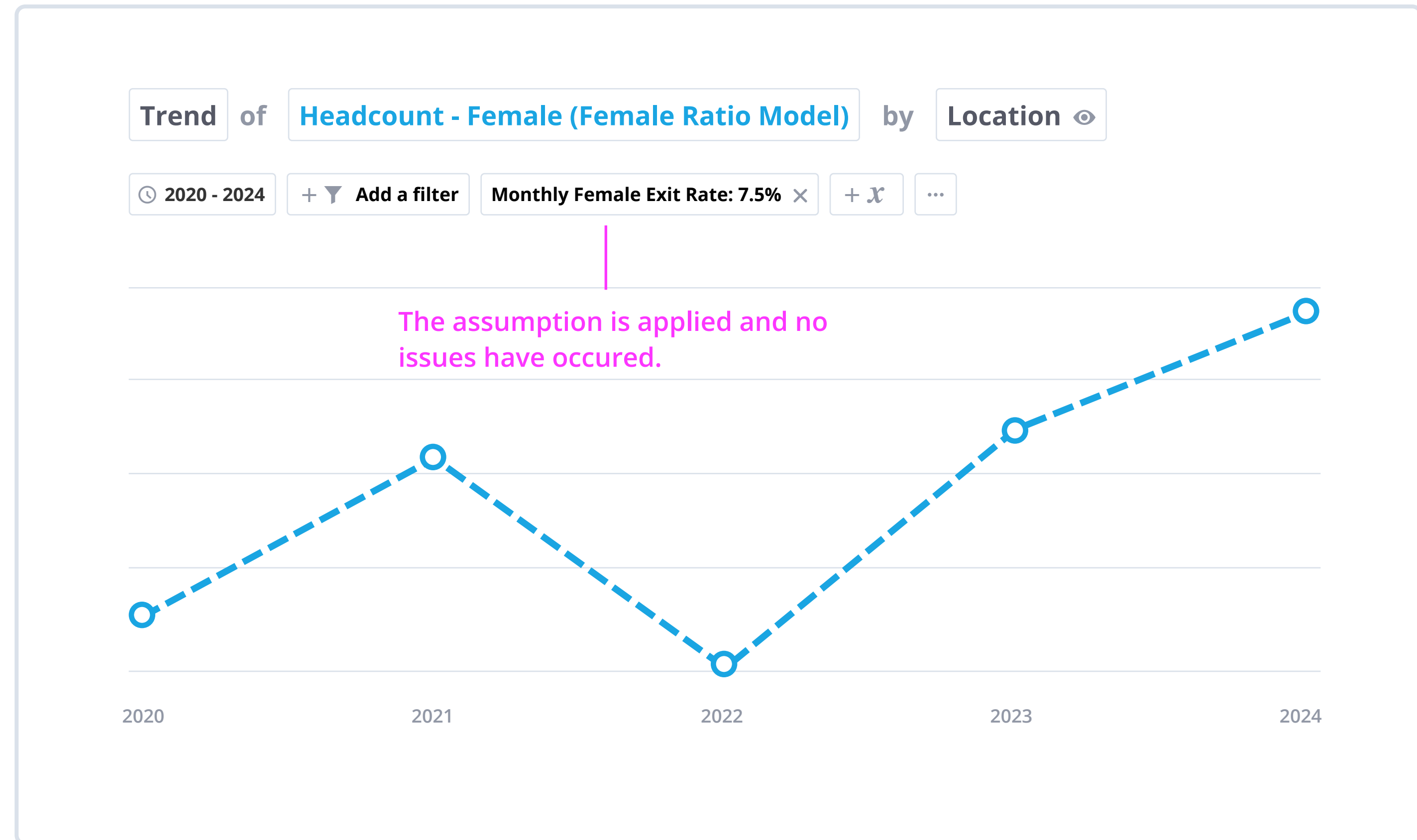## Assumption Example

Time window

2020 - 2024

Assumption - Monthly Female Exit Rate

2023 - 2024

Location: US, Canada

Manager

Trend of **Headcount - Female (Female Ratio Model)** by **Location** 👁

🕐 2020 - 2024   + ▼ Add a filter   **Monthly Female Exit Rate: 7.5%** ✕   + 𝑥   ⋯

The assumption is applied and no issues have occured.

2020   2021   2022   2023   2024

What if? Not Applied Visual Treatment
Assumption Example

Time window

2020 - 2024

Assumption - Monthly Female Exit Rate

2023 - 2024

Location: US, Canada

Manager

Trend of **Headcount - Female (Female Ratio Model)** by **Location** 👁

🕐 2020 - 2024 | + ▼ Add a filter | Monthly Female Exit Rate: 7.5% ✕ | + *x* | ⋯

Monthly Female Exit Rate   ?

— ●————— +   **7.5**   %   ↻

For   2023 - 2024   Location (2)   Manager

2020   2021   2022   2023   2024

Hovering on assumption surfaces the assumption control.

3
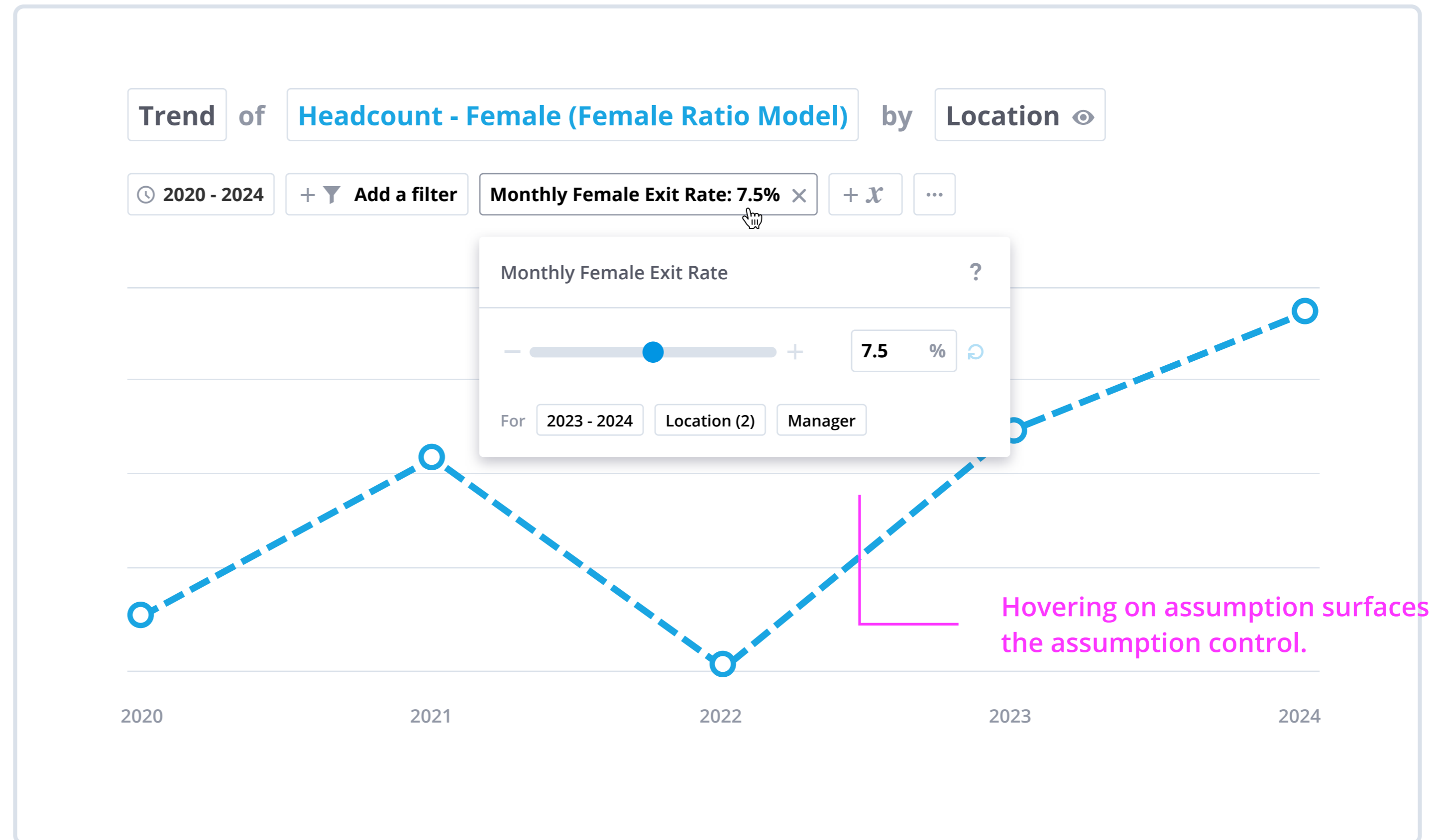
What if? Not Applied Visual Treatment

Assumption - Not Applied State

What if? Not Applied Visual Treatment
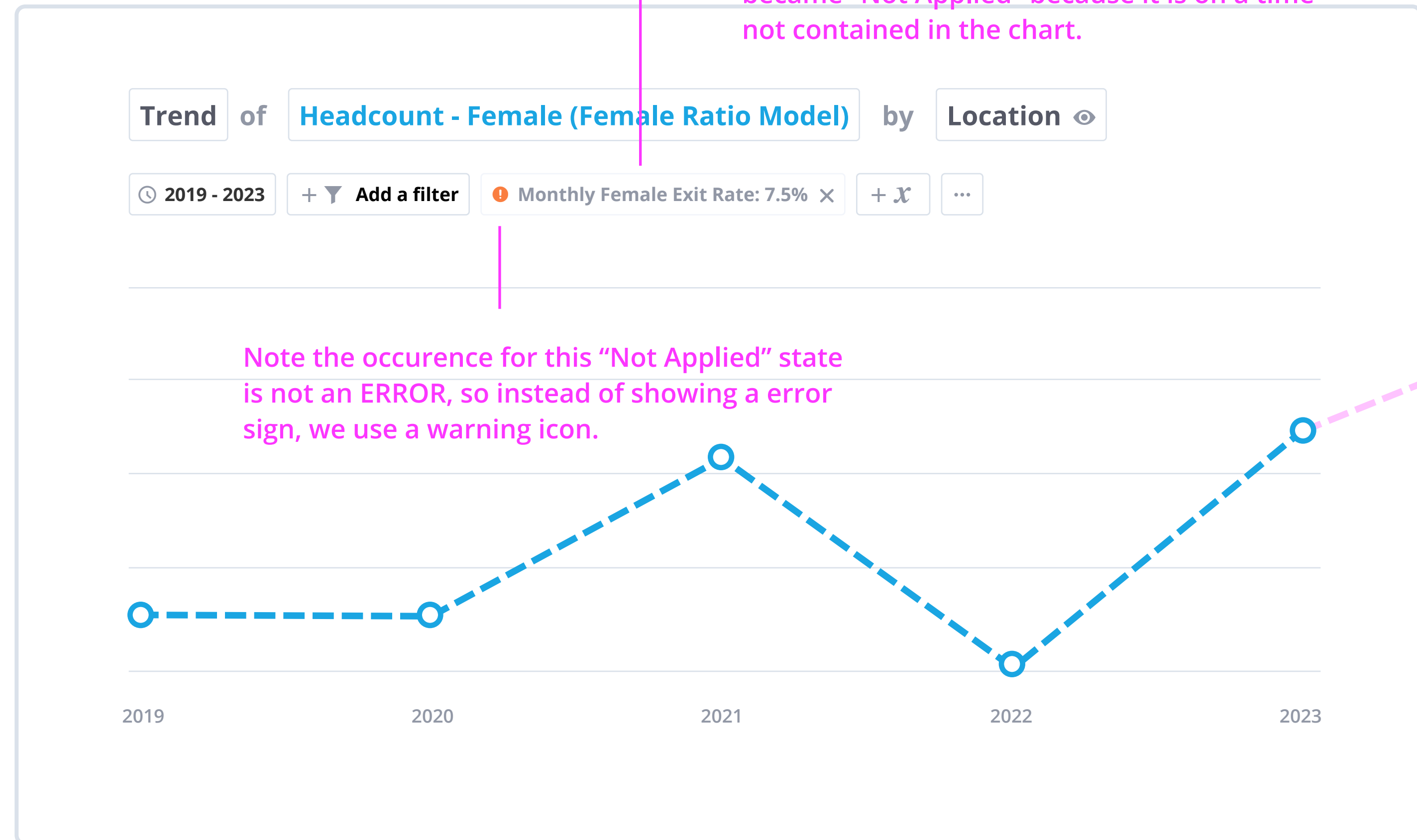## Assumption - Not Applied State

Time window

~~2020 - 2024~~ → **2019 - 2023**

Assumption - Monthly Female Exit Rate

🔴 **2023 - 2024**

Location: US, Canada

Manager

Trend of **Headcount - Female (Female Ratio Model)** by **Location** 👁

🕐 **2019 - 2023**   + 🔽 **Add a filter**   🔶 Monthly Female Exit Rate: 7.5% ✕   + *x*   ⋯

Monthly Female Exit Rate   ?

7.5% for   2023 - 2024   Location (2)   Manager
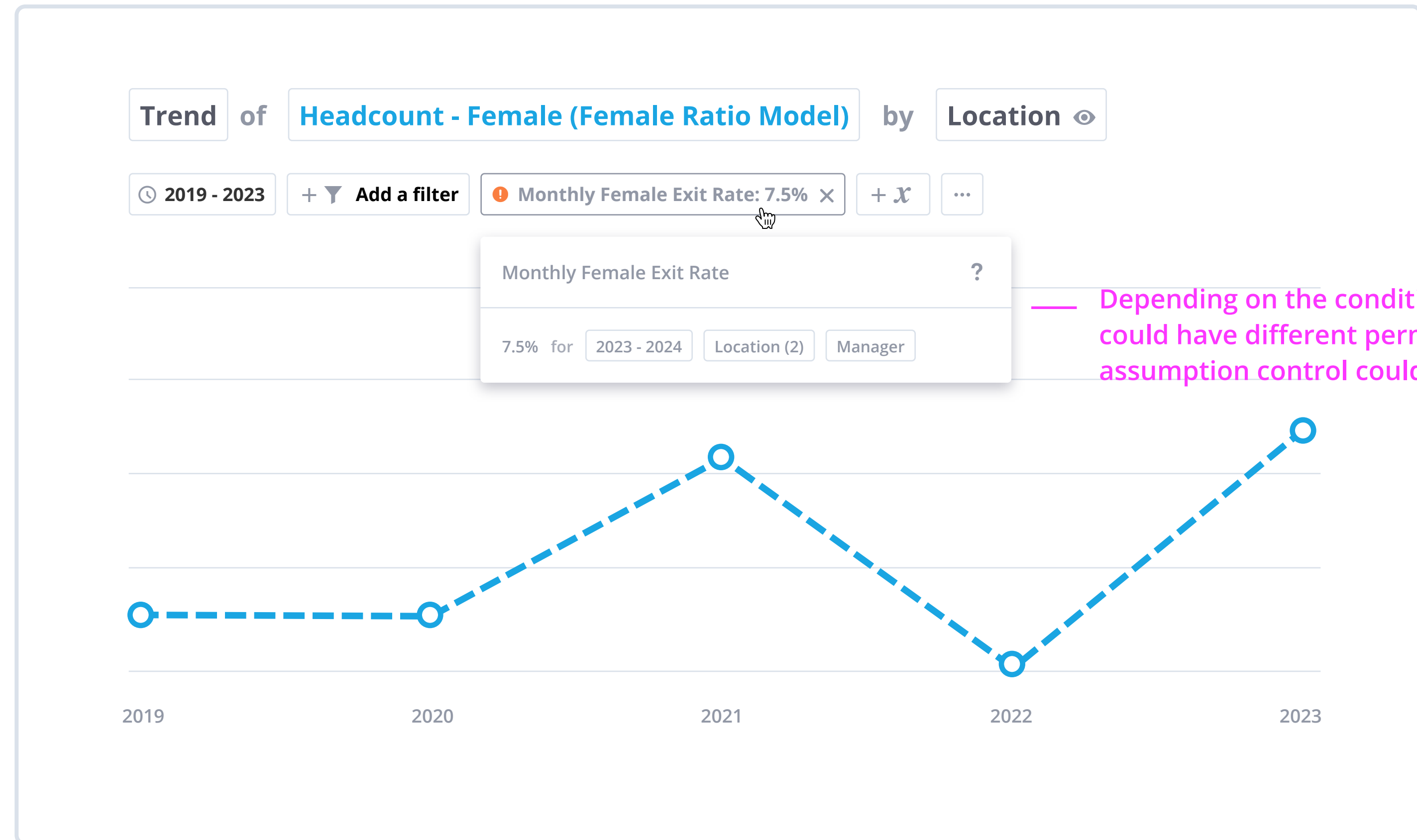
Depending on the condition (i.e. user could have different permission), assumption control could be disable.

2019   2020   2021   2022   2023

What if? Not Applied Visual Treatment

Scenario - Partially Applied State

What if? Not Applied Visual Treatment
Scenario - Partially Applied State

Time window

~~2020 - 2024~~ → **2019 - 2023**

Assumption - Monthly Female Exit Rate
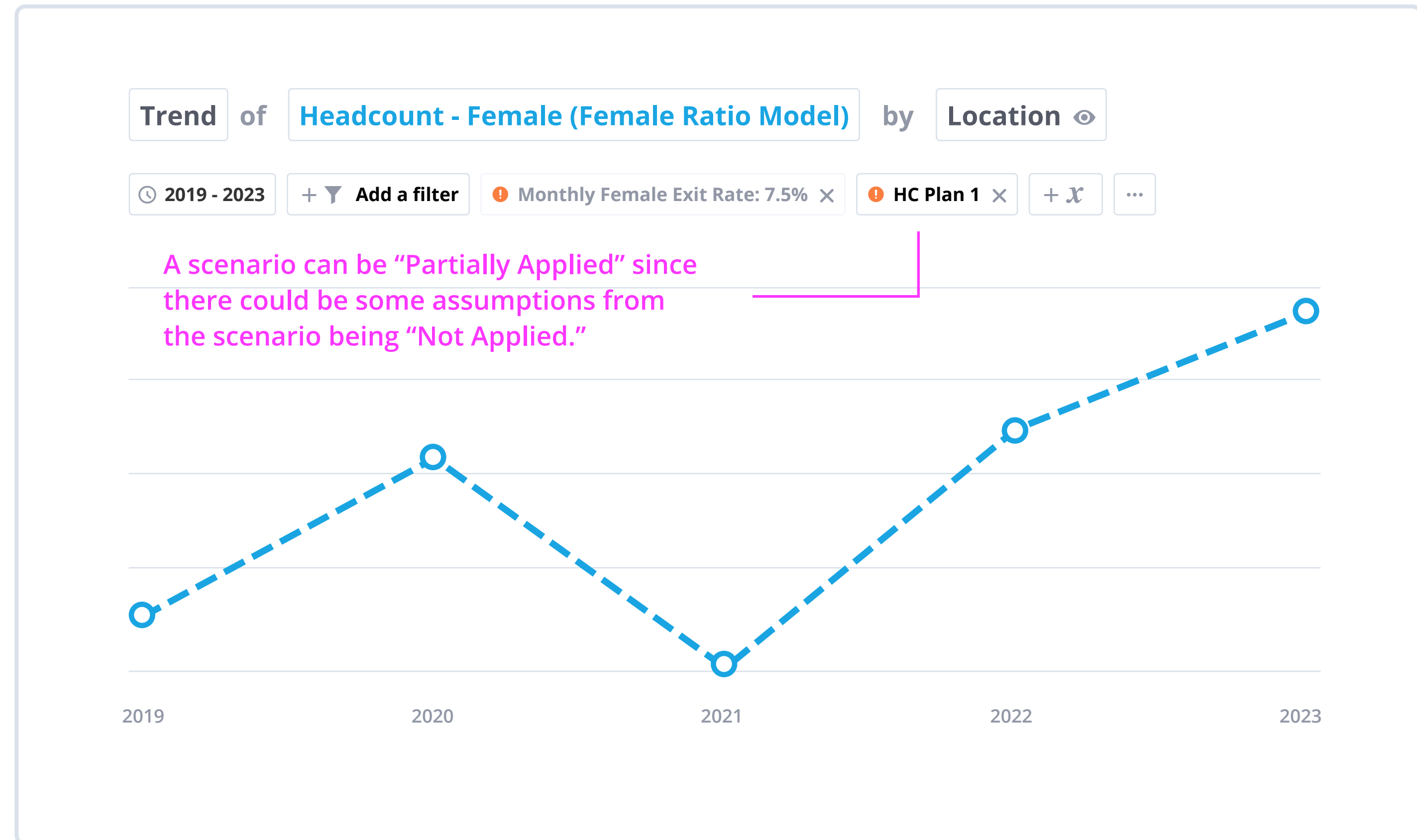
⊙ **2023 - 2024**

Location: US, Canada

Manager

Scenario - HC Plan 1

Assumption - Monthly Female Exit Rate: 7.5%

⊙ **2023 - 2024** / Location: US, Canada

Assumption - Number of Candidates: 50

2020 - 2023 / Location: US, Canada

Trend of **Headcount - Female (Female Ratio Model)** by **Location** 👁

⊙ 2019 - 2023 +▽ Add a filter ⊙ Monthly Female Exit Rate: 7.5% ✕ ⊙ HC Plan 1 ✕ +𝑥 ⋯

A scenario can be "Partially Applied" since there could be some assumptions from the scenario being "Not Applied."

2019   2020   2021   2022   2023

What if? Not Applied Visual Treatment
Scenario - Partially Applied State

Time window

~~2020 - 2024~~ → **2019 - 2023**

Assumption - Monthly Female Exit Rate
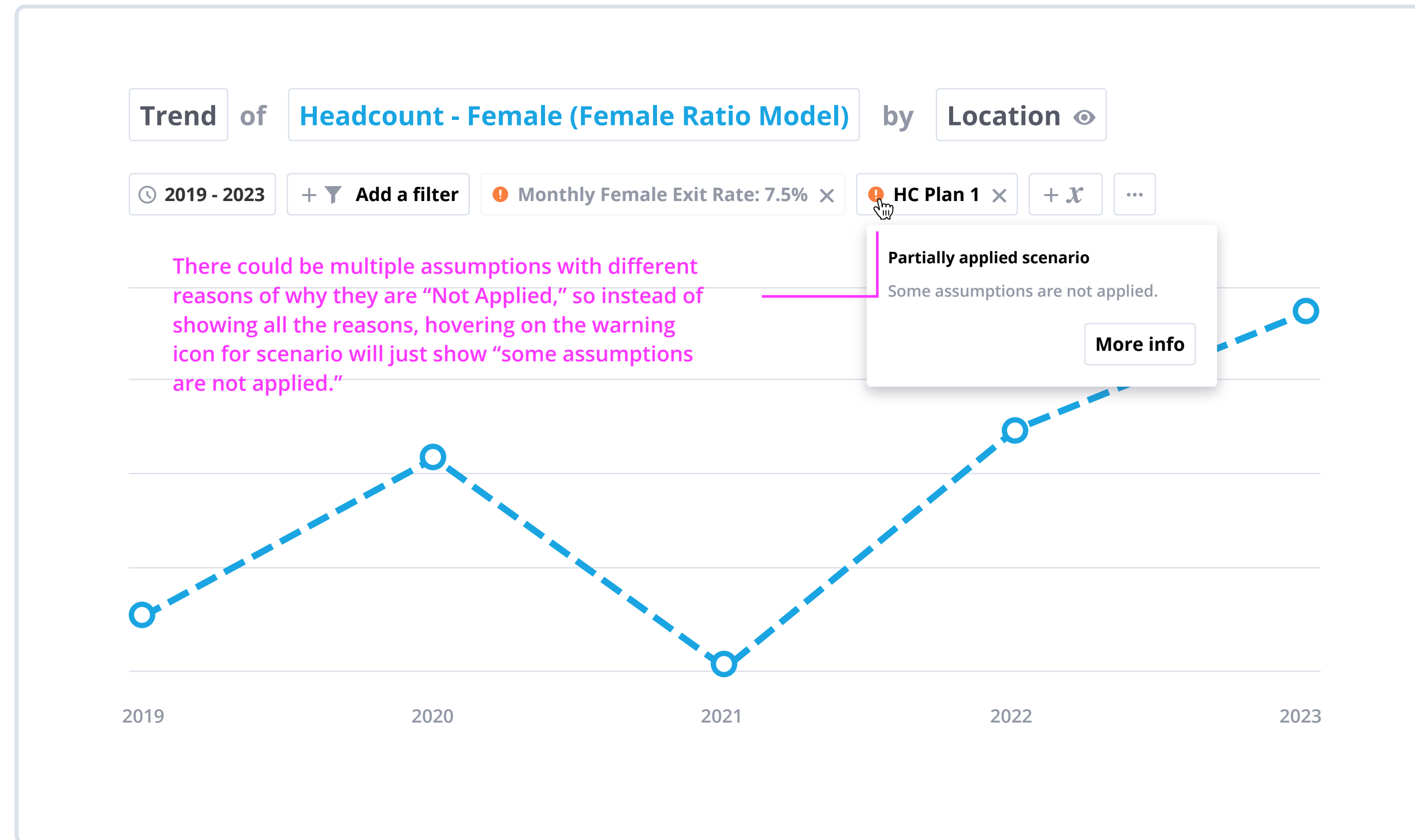
⊘ 2023 - 2024

Location: US, Canada

Manager

Scenario - HC Plan 1

Assumption - Monthly Female Exit Rate: 7.5%

⊘ 2023 - 2024 / Location: US, Canada

Assumption - Number of Candidates: 50

2020 - 2023 / Location: US, Canada

Trend of **Headcount - Female (Female Ratio Model)** by **Location** 👁

🕐 2019 - 2023 | + ▼ **Add a filter** | ⚠ Monthly Female Exit Rate: 7.5% ✕ | ⚠ **HC Plan 1** ✕ | + 𝑥 | ⋯

There could be multiple assumptions with different reasons of why they are "Not Applied," so instead of showing all the reasons, hovering on the warning icon for scenario will just show "some assumptions are not applied."

Partially applied scenario
Some assumptions are not applied.

More info

2019   2020   2021   2022   2023

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What if? Not Applied Visual Treatment
Scenario - Partially Applied State

Time window

~~2020 - 2024~~ → **2019 - 2023**

Assumption - Monthly Female Exit Rate

⚠ **2023 - 2024**

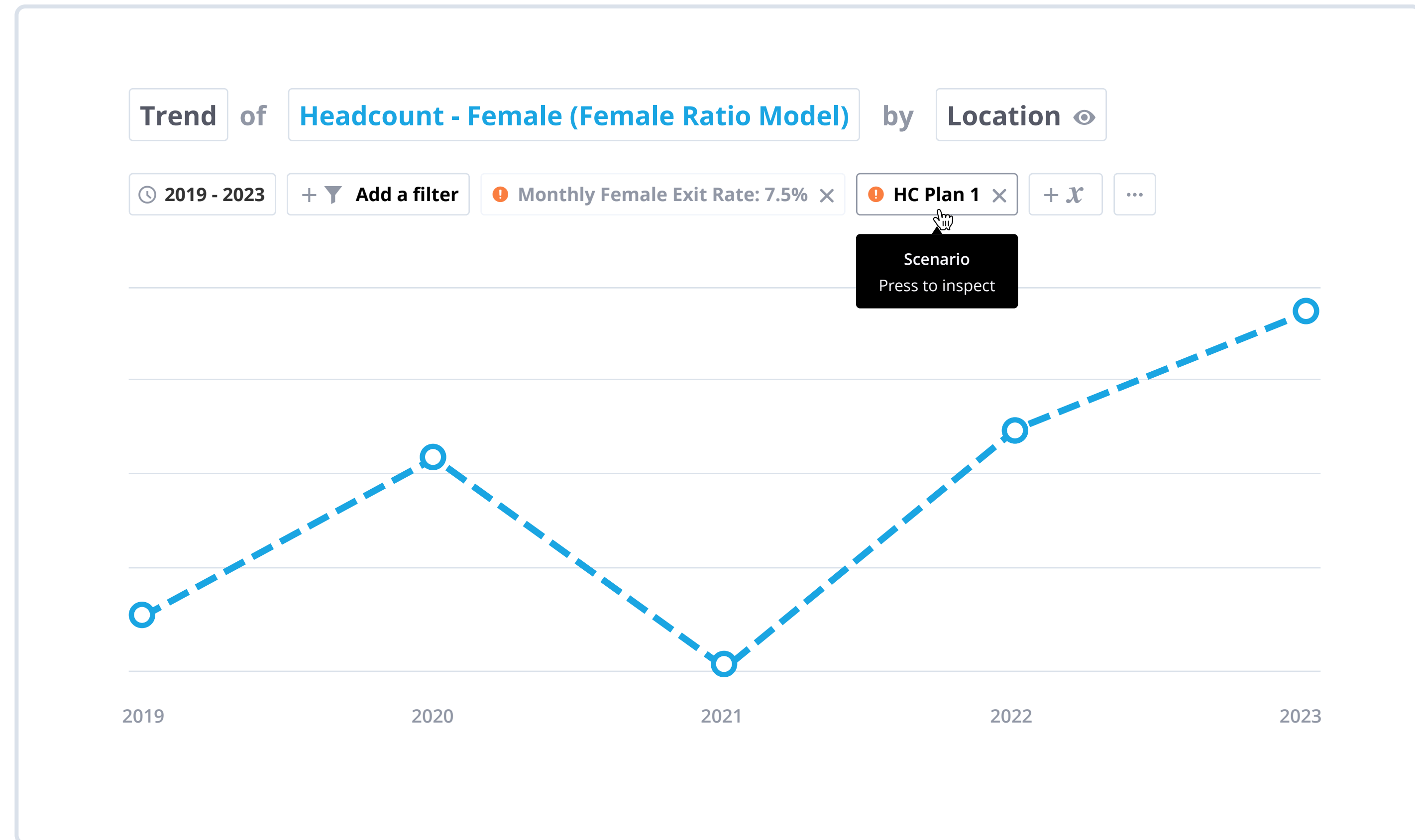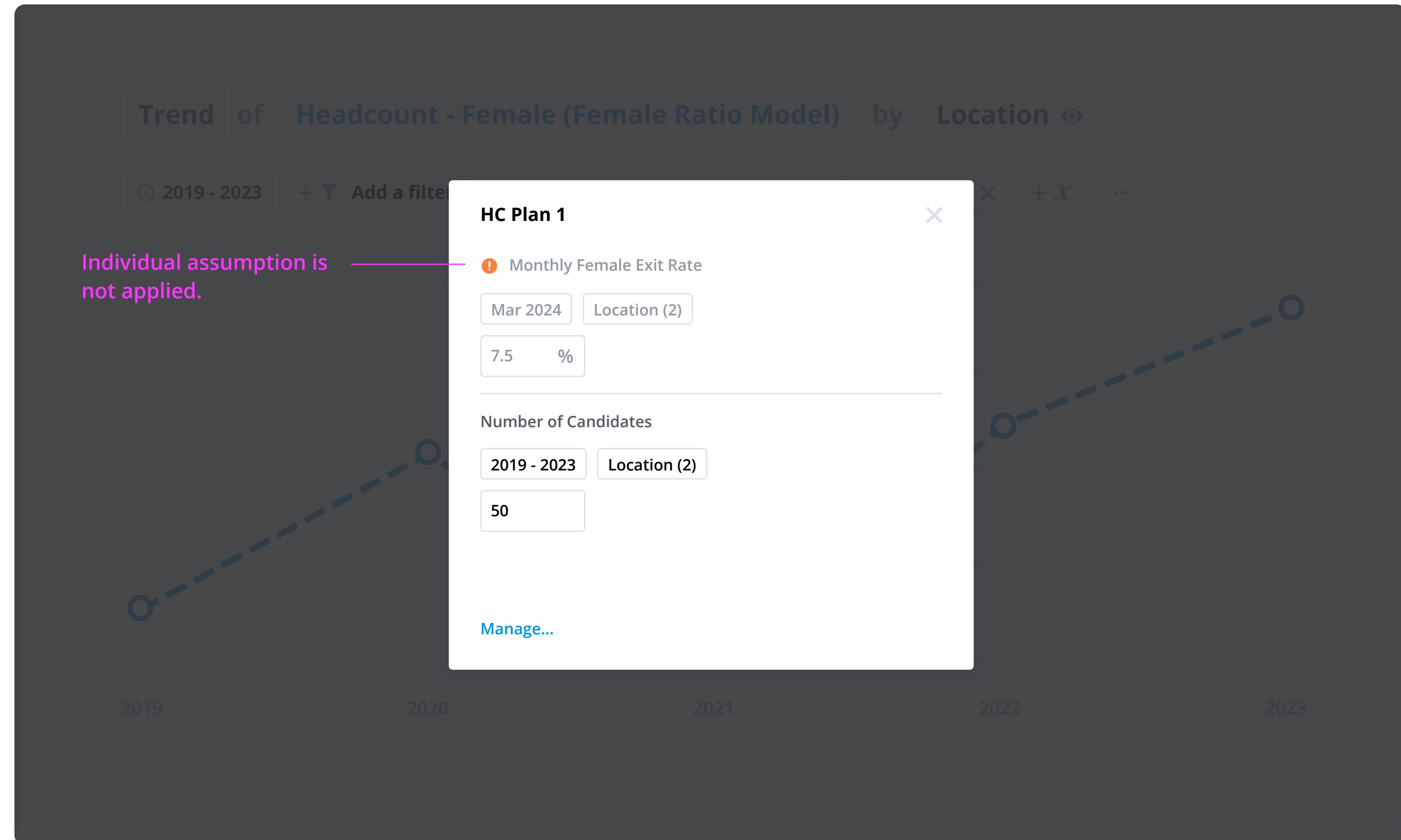Location: US, Canada

Manager

Scenario - HC Plan 1

Assumption - Monthly Female Exit Rate: 7.5%

⚠ **2023 - 2024** / Location: US, Canada

Assumption - Number of Candidates: 50

2020 - 2023 / Location: US, Canada

Trend of Headcount - Female (Female Ratio Model) by Location 👁

🕐 2019 - 2023   + ⚲ Add a filter   × + 𝑥 ⋯

Individual assumption is not applied.

HC Plan 1 ✕

⚠ Monthly Female Exit Rate

Mar 2024   Location (2)

7.5   %

Number of Candidates

2019 - 2023   Location (2)

50

Manage...

2019   2020   2021   2022   2023

What if? Not Applied Visual Treatment
Scenario - Partially Applied State

Time window

~~2020 - 2024~~ → **2019 - 2023**

Assumption - Monthly Female Exit Rate
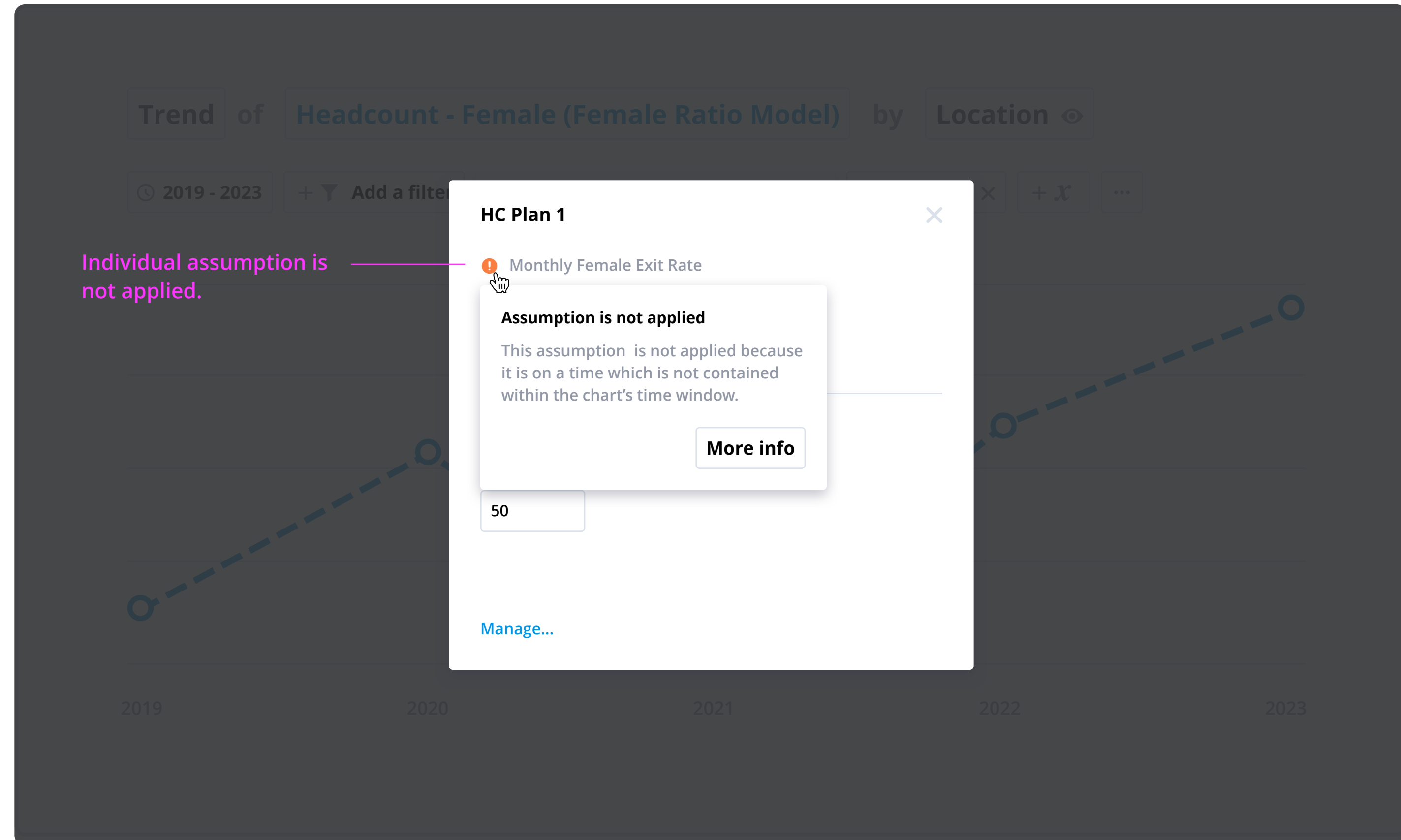
⚠ **2023 - 2024**

Location: US, Canada

Manager

Scenario - HC Plan 1

Assumption - Monthly Female Exit Rate: 7.5%

⚠ **2023 - 2024** / Location: US, Canada

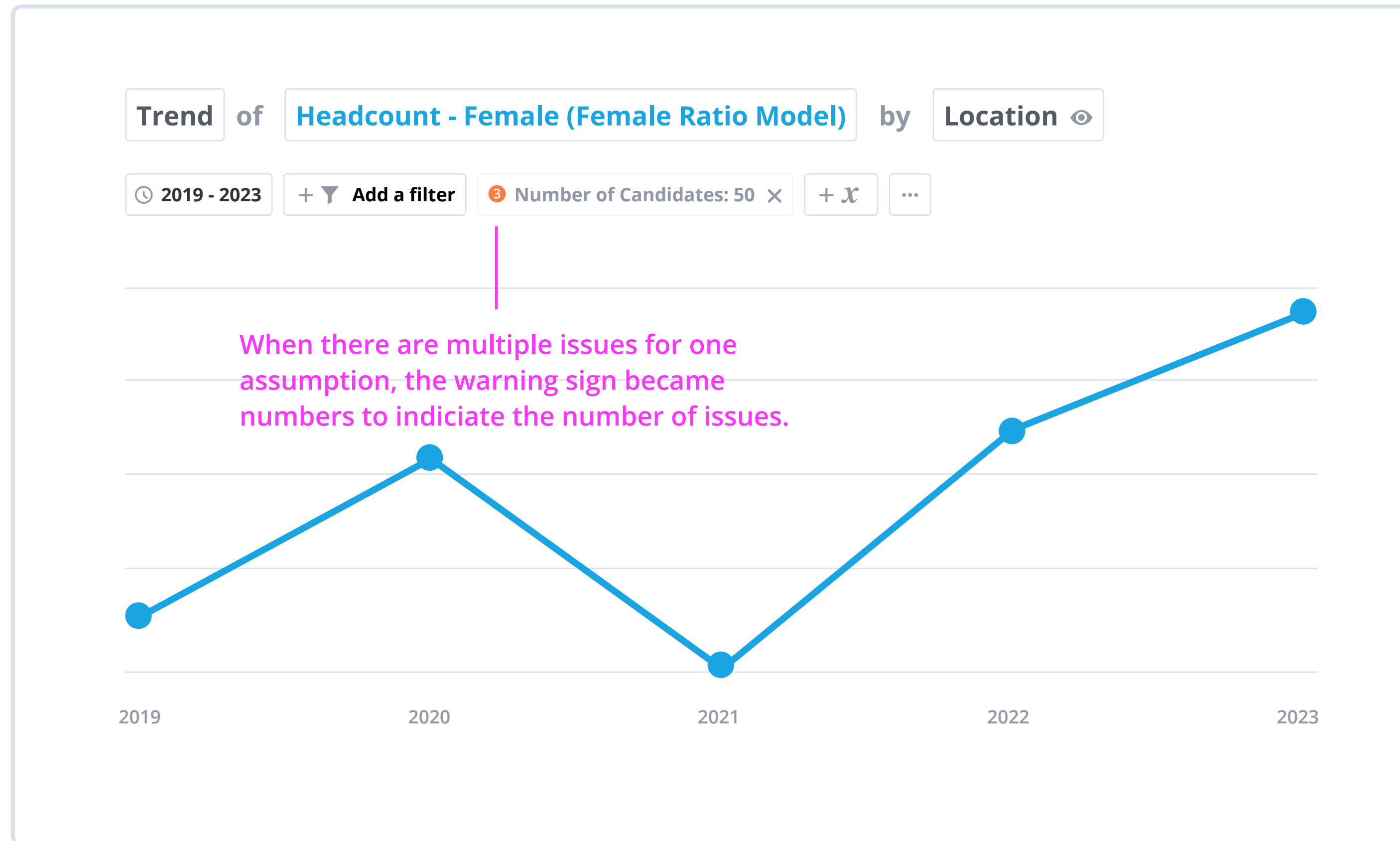Assumption - Number of Candidates: 50

2020 - 2023 / Location: US, Canada

Trend of Headcount - Female (Female Ratio Model) by Location 👁

🕐 2019 - 2023   + ⛛ Add a filter

Individual assumption is not applied.

HC Plan 1   ✕

⚠ Monthly Female Exit Rate

Assumption is not applied

This assumption is not applied because it is on a time which is not contained within the chart's time window.

More info

50

Manage...
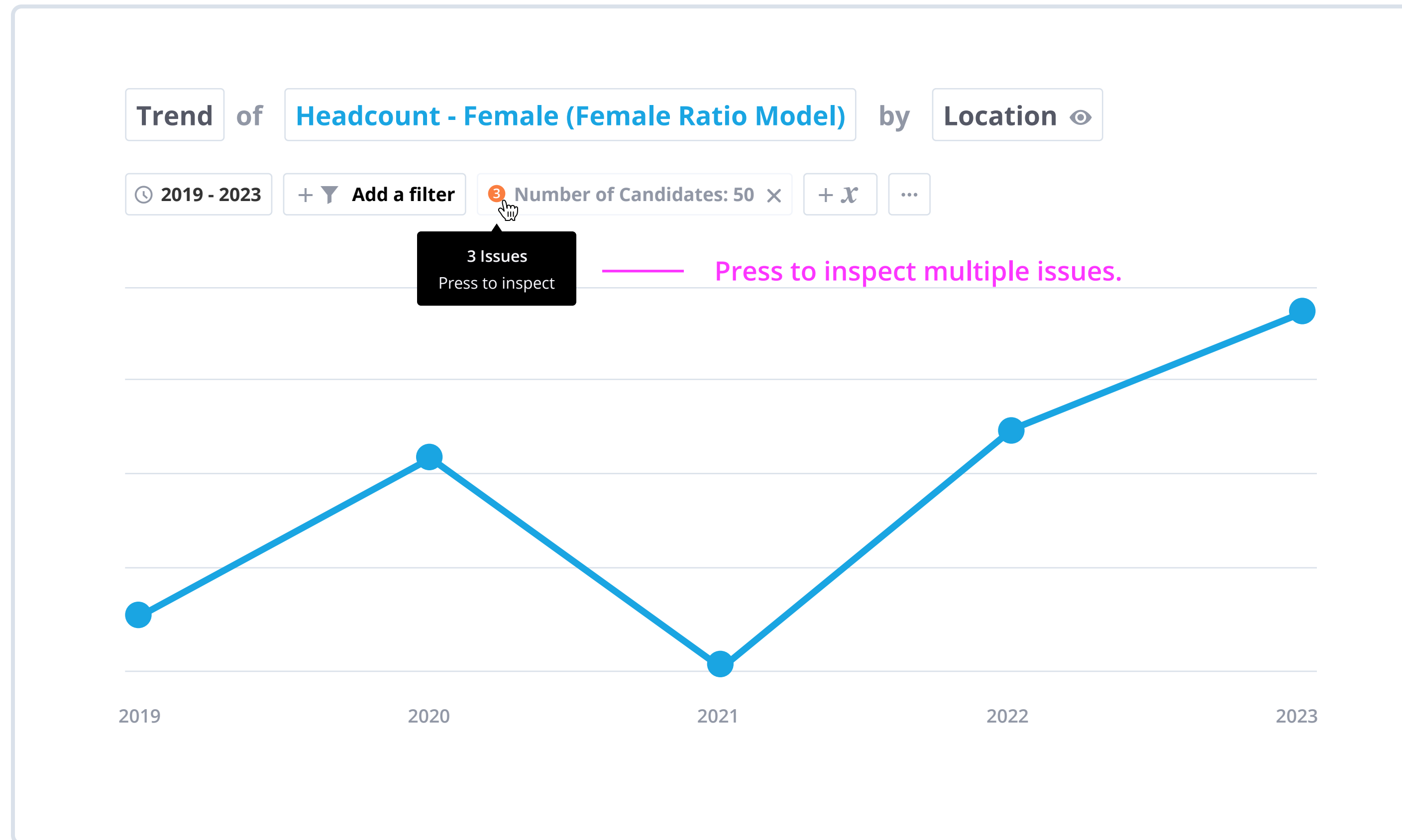
2019   2020   2021   2022   2023

What if? Not Applied Visual Treatment

Assumption - Multiple issues on an assumption

What if? Not Applied Visual Treatment
Assumption - Multiple issues on an assumption

Trend of **Headcount - Female (Female Ratio Model)** by Location 👁

🕐 **2019 - 2023** | + ▼ **Add a filter** | ③ **Number of Candidates: 50** ✕ | + 𝑥 | ⋯

When there are multiple issues for one assumption, the warning sign became numbers to indiciate the number of issues.

2019   2020   2021   2022   2023

What if? Not Applied Visual Treatment
Assumption - Multiple issues on an assumption